

Converting Colors

YUV(123.5060, 22.9215,
21.4812)

Have a look what the booklet for
YUV(123.5060, 22.9215, 21.4812)
contains.

YUV(123.5060, 22.9215, 21.4812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.5060, 22.9215,
21.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	9466AA
RGB	148, 102, 170
RGB Percent	58%, 40%, 67%
CMY	0.4196, 0.6000, 0.3333
CMYK	0.13, 0.40, 0.00, 0.33
HSL	281°, 29%, 53%
HSV	281°, 40%, 67%
XYZ	24.2198, 18.7009, 40.3633
YIQ	123.5060, 5.5880, 30.9000

Conversions

Conversions Part 2

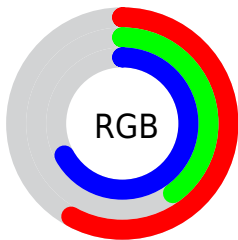
Format	Color
R_{YB}	148, 102, 170
Decimal	9725610
CIE _{Lab}	50.34, 31.06, -29.30
CIE _{LCh}	50, 42.701, 316.672
Yxy	18.7009, 0.2908, 0.2245
Android (android.graphics.Color)	4287915690 (0xFF9466AA)
YUV	123.5060, 22.9215, 21.4812
Hunter-Lab	43.2446, 24.2938, -25.0685

Details

The YUV color **123.5060, 22.9215, 21.4812** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **148.4940, -22.9215, -21.4812**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8590, 24.2265, 22.9257**, and **73.7400, 21.3272, 19.5220** is the 20% darker color. If you saturate the color by 10%, you get **112.0320, 28.5782, 27.1589**, and if you desaturate by 10%, it is **135.2790, 17.1175, 16.4183**.

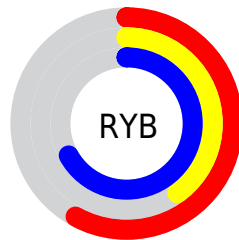
Distribution



Red (58%)

Green (40%)

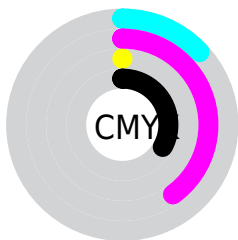
Blue (67%)



Red (58%)

Yellow (40%)

Blue (67%)

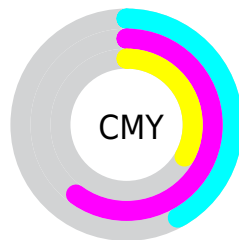


Cyan (13%)

Magenta (40%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (60%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5060, 22.9215, 21.4812 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 123.5060, 22.9215, 21.4812 by changing the saturation by 10% instead.

123.5060, 22.9215,
21.4812

123.5060, 22.9215,
21.4812

255.0000, 0.0000,
0.0000

97.9790, 22.1954,
21.0664

176.8590, 24.2265,
22.9257

73.7400, 21.3272,
19.5220

204.5710, 24.3685,
24.0552

49.4410, 21.4746,
18.9072

227.9980, 13.3120,
23.6808

26.0280, 21.1852,
18.3924

244.4340, 5.2090,
9.2664

13.9150, 15.8179,
13.2295

3.3230, 10.1938,
-2.9143

0.0000, 0.0000,

0.0000

■ 123.5060, 22.9215,
21.4812

■ 123.5060, 22.9215,
21.4812

■ 112.0320, 28.5782,
27.1589

■ 135.2790, 17.1175,
16.4183

■ 100.2590, 34.3823,
32.2219

■ 146.7530, 11.4608,
10.7406

■ 88.7850, 40.0390,
37.8996

■ 158.2270, 5.8041,
5.0629

■ 77.0120, 45.8431,
42.9625

■ 170.0000, 0.0000,
0.0000

■ 65.5380, 51.4998,
48.6402

■ 181.4740, -5.6567,
-5.6777

■ 53.7650, 57.3039,
53.7031

■ 193.2470,
-11.4608, -10.7406

■ 204.7210,
-17.1175, -16.4183

■ 216.4940,
-22.9215, -21.4812

■ 227.9680,
-28.5782, -27.1589

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



118.3310, 34.8398, -21.3383



123.5060, 22.9215, 21.4812



121.7840, 7.9945, 49.3014

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



123.5060, 22.9215, 21.4812



117.1480, -34.5830, 32.3192



96.8520, 20.7790, -84.9392

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



123.5060, 22.9215, 21.4812



148.4940, -22.9215, -21.4812

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0470, 4.9068, -80.7252



123.5060, 22.9215, 21.4812



114.2110, -33.6280, 5.9540

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



123.5060, 22.9215, 21.4812



118.5000, -24.8965, 52.1815



108.8570, -20.1425, -26.1846



98.8530, 36.0615, -86.6941

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



123.5060, 22.9215, 21.4812



120.4510, -3.6733, 58.3635



108.8570, -20.1425, -26.1846



95.4840, 15.5374, -83.7395

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



123.5060, 22.9215, 21.4812



203.4600, 9.1402, 8.3666



123.2530, 23.0463, -18.6389



101.1130, 5.3673, 5.1629



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123.5060, 22.9215, 21.4812



148.7260, 36.1241, 33.5663



128.8300, 14.8738, 36.1061



78.4070, 2.7573, 2.2741



46.7720, 49.9054, 46.6810



6.4660, 6.6723, 6.6073

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



124.8400, -0.4141, 39.6053



150.9830, -0.4846, 62.2819



143.1700, -14.8738, -36.1061



78.6200, -0.3057, 4.7183



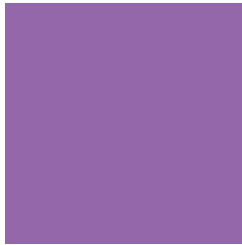
49.7240, -0.8499, 86.1881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 123.5060, 22.9215, 21.4812 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 123.5060, 22.9215, 21.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

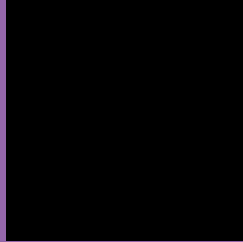
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.5060, 22.9215, 21.4812

Background



This preview shows how black text looks on a background with the YUV color 123.5060, 22.9215, 21.4812.



This preview shows how white text looks on a background with the YUV color 123.5060, 22.9215, 21.4812.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

123.5060, 22.9215, 21.4812

Protanopia

119.1310, 31.4874, -19.4089

Deuteranopia

119.9870, 23.1774, -14.0206



Tritanopia

121.6970, -0.3436, 16.9287

Trichromacy



Original Color

123.5060, 22.9215, 21.4812

Protanomaly

120.7200, 28.2390, -4.1394

Deuteranomaly

121.3630, 22.9920, -1.1954

Tritanomaly

122.2980, 8.2341, 19.0327

Monochromacy



Original Color

123.5060, 22.9215, 21.4812

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5060, 22.9215, 21.4812 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 102, 170)` looks like.

```
.text, #text, p{  
    color:rgb(148, 102, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 102, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 102, 170) }
```

Border

The CSS property to change the border of an element to YUV 123.5060, 22.9215, 21.4812 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 102, 170) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(148, 102, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(148, 102, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 102, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 102, 170);  
box-shadow:4px 4px 4px 4px rgb(148, 102,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 123.5060, 22.9215, 21.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 102, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148,  
102, 170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor